Index of Authors

ALEXANDER, F. W., 171.
Anson, B. J., 394.

BAKER, D. C., Jr., 1082.
Baltzell, William H., 278.
Bast, T. H., 394.
Batson, O. V., 571.
Bear, S. H., 1024.
Békésy, Georg von, 448.
Bolstad, D. S., 200.
Bordley, J. E., 816.
Botros, G., 1031.
Breckenridge, Robert L., 278.
Brewer, D. W., 640.
Brill, R., 164.
Brockman, S., 22
Brown, L. A., 827.

CARRUTHERS, C., 97.
Cawthorne, T., 481.
Chaddah, M. R., 890.
Cleary, J. A., 960.
Cody, C. C., III, 1120.
Cooper, Z. K., 261.
Crane, A. R., 1099.

DANE, W. H., 997.
Das, T., 890.
Davis, H., 469.
DiCarlo, L. M., 785.
Dixon, R., 785.
Dodge, H. W., Jr., 207.

FERGUSON, C. F., 1056.
Ferrer, J. M., Jr., 1082.
Flagg, J. A., 1092.
Flagg, P. J., 1092.
Flake, C. G., 1056.
Flood, C. A., 1082.
Floyd, T. M., 1031.
Freeman, J., 500.

GLORIG, A., 802.
Goldman, J., 500.
Goodhill, V., 22
Goodyear, H. M., 491.
Greenhood, H., 887.

HALLBERG, O. E., 207.
Hamilton, P. K., 1031.
Hansel, F. K., 324.
Harcourt, F. L., 189.
Hardy, W. G., 816.
Hearn, Paul P., 310.
Heller, M. F.,130.
Hemenway, W. G., 754.
Hill, F. T., 370.
Holinger, P. H., 581.
Hoople, G. D., 640, 785
Horwitz, I. D., 993.
Huffman, W. C., 62.
Hughes, W. C., 881.
Hurwitz, S., 887.

IMAN, A., 1031.

JENSEN, C. E., 151.
Jesberg, N., 39.
Johnson, C. I., 180.
Johnson, K. C., 581.
Jongkees, L. B. W., 145.

KEIM, W. F., 980.
Kern, R. A., 620.
King, J. T., 1029.
Kirikae, I., 939, 950.
Knight, E., 785.
Kowal, R. A., 1024.
Kucera, W. J., Jr., 358.

LeJEUNE, F. E., 352.
Lell, W. A., 1099.
Lett, J. E., 116.
Lierle, D. M., 62, 772.

Index of Authors

ALEXANDER, F. W., 171.
Anson, B. J., 394.

BAKER, D. C., Jr., 1082.
Baltzell, William H., 278.
Bast, T. H., 394.
Batson, O. V., 571.
Bear, S. H., 1024.
Békésy, Georg von, 448.
Bolstad, D. S., 200.
Bordley, J. E., 816.
Botros, G., 1031.
Breckenridge, Robert L., 278.
Brewer, D. W., 640.
Brill, R., 164.
Brockman, S., 22
Brown, L. A., 827.

CARRUTHERS, C., 97.
Cawthorne, T., 481.
Chaddah, M. R., 890.
Cleary, J. A., 960.
Cody, C. C., III, 1120.
Cooper, Z. K., 261.
Crane, A. R., 1099.

DANE, W. H., 997.
Das, T., 890.
Davis, H., 469.
DiCarlo, L. M., 785.
Dixon, R., 785.
Dodge, H. W., Jr., 207.

FERGUSON, C. F., 1056.
Ferrer, J. M., Jr., 1082.
Flagg, J. A., 1092.
Flagg, P. J., 1092.
Flake, C. G., 1056.
Flood, C. A., 1082.
Floyd, T. M., 1031.
Freeman, J., 500.

GLORIG, A., 802.
Goldman, J., 500.
Goodhill, V., 22
Goodyear, H. M., 491.
Greenhood, H., 887.

HALLBERG, O. E., 207.
Hamilton, P. K., 1031.
Hansel, F. K., 324.
Harcourt, F. L., 189.
Hardy, W. G., 816.
Hearn, Paul P., 310.
Heller, M. F.,130.
Hemenway, W. G., 754.
Hill, F. T., 370.
Holinger, P. H., 581.
Hoople, G. D., 640, 785
Horwitz, I. D., 993.
Huffman, W. C., 62.
Hughes, W. C., 881.
Hurwitz, S., 887.

IMAN, A., 1031.

JENSEN, C. E., 151.
Jesberg, N., 39.
Johnson, C. I., 180.
Johnson, K. C., 581.
Jongkees, L. B. W., 145.

KEIM, W. F., 980.
Kern, R. A., 620.
King, J. T., 1029.
Kirikae, I., 939, 950.
Knight, E., 785.
Kowal, R. A., 1024.
Kucera, W. J., Jr., 358.

LeJEUNE, F. E., 352.
Lell, W. A., 1099.
Lett, J. E., 116.
Lierle, D. M., 62, 772.

Lindenberg, P., 130.
Lindsay, J. R., 754.
Loewy, A., 993.
Love, J. G., 207.

McCART, H., 498.
McNally, W. J., 651.
Meltzer, P. E., 607.
Metson, B. F., 193.
Minocha, D. B., 890.
Mufti, A., 1031.

NAGER, G. T., 51, 923.
Nager, M., 923.
Nakamura, K., 939.
Norris, C. M., 520.

OKAMOTO, M., 950.
Onchi, Y., 81.

PRATT, L. W., 296, 906.
Priest, R. E., 358.

REED, G. F., 273.
Reeves, E., 164.
Reger, S. N., 772.
Rehman, I., 22.
Richany, S. F., 394.
Roberts, S. E., 687.
Rodriquez, A. A., 1015.
Rosenblith, W. A., 839.
Rüedi, L., 702.

SATO, M., 950.
Schiller, F., 581.
Schindler, M., 887.
Schrimpf, W. J., 101.
Schuknecht, H. F., 727.
Seltzer, A. P., 204, 861.
Senturia, B. H., 97, 261.
Skolnik, E. M., 1015.
Smith, C. A., 435.
Snitman, M. F., 993.
Soboroff, B. J., 993.
Sophian, L. H., 261.
Soutter, L., 509.
Stauffer, H. M., 520.
Steele, C. H., 5.
Streit, P. H., 137.
Stuart, E. A., 651.
Sutton, S., 727.

TANEJA, G. M., 890.
Taylor, G. W., 346.
Totsuka, G., 939.

VanEYCKEN, E. J., 863.
Vilstrup, T., 151.
Vinson, P. P., 881.

WAGERS, ARTHUR J., 278.
Wishart, D. E. S., 378.

ZANOTTI, G., 69.

Index of Titles

ACOUSTIC Reflex, Studies of, Part I. Electromyographic Studies of Acoustic-Auricular Reflex. Genkichi Totsuka, Kenji Nakamura and Ichiro Kirikae, 939.

Acoustic Reflex, Studies, of, Part II. Experimental Studies on the Function of the Tensor Tympani Muscle. Michinari Okamoto, Masao Sato and Ichito Kirikae, 950.

Acoustic Trauma, Different Types and Degrees of, by Experimental Exposure of Human and Animal Ear to Pure Tones and Noise. L. Rüedi, 702.

Adenoidectomies, Visually Controlled, Folds Around Tubal Orifice in 622. Ernest Reeves and Robert Brill, 164.

Adenoma, Bronchial, A Thirty-one Year Hospital Experience with the Bronchoscopic Approach to. Lamar Soutter, 509.

Adenomatosis, Pulmonary, Alveolar. William A. Lell and A. Reynolds Crane, 1099.

Adenotonsillectomy, Effects of Vitamin K Compound (Synkayvite) on Computed Blood Loss During. James T. King, 1029.

Allergy, Respiratory, Some Practical Considerations of. Richard A. Kern, 620.

Amyloidosis, Primary, in the Lower Respiratory Tract. Donald S. Bolstad, 200.

Anomalies, Congenital, of the Larynx. Paul H. Holinger, Kenneth C. Johnson and Filmore Schiller, 581.

Aortic Arch and Tracheobronchial Tree in Infants and Children, Tracheographic and Bronchographic Studies as Aids in Diagnosis of Congenital Malformations of. Charles F. Ferguson and Carlyle G. Flake, 1056.

Artery, Subarcuate, Origins and Relations of the Internal Auditory Artery to. George T. Nager, 51.

Ary-Epiglottic Folds. James A. Cleary, 960.

Audiometry, Clinical Study of Bone Conduction. Gordon D. Hoople, Richard Dixon, Elmo Knight and Louis M. DiCarlo, 785.

Audiometry, Objective Skin Resistance. Victor Goodhill, Irving Rehman and Seymour Brockman, 22.

Auditory Artery, Internal, Origins and Relations to the Subarcuate Artery. George T. Nager, 51.

Auditory Canal in Chronic Otitis Media and Mastoiditis, Pathologic Changes of Skin of External. L. H. Sophian, Z. K. Cooper and Ben H. Senturia, 261.

Auditory Nervous System, Electrical Responses from. Walter A. Rosenblith, 839.

Auditory Rehabilitation, The Private Practice of. Morris F. Heller and Paul Lindenberg, 130.

Aviation, Equilibratory Illusions in. Loring W. Pratt, 906.

BED-END Manner, The Lancet "Peripatetic Correspondents," 169.

Bone Conduction Audiometry, Clinical Study of. Gordon D. Hoople, Richard Dixon, Elmo Knight and Louis M. DiCarlo, 785.

Bone Conduction Test, Blocked, for Differential Diagnosis. Yutaka Onchi, 81.

Bronchial Adenoma, A Thirty-one Year Hospital Experience with the Bronchoscopic Approach. Lamar Soutter, 509.

Bronchial and Tracheal Papillomatous Implant Showing Malignant Changes. Howard McCart, 498.

Bronchographic and Tracheographic Studies as Aids in Diagnosis of Congenital Malformations of Tracheobronchial Tree and Aortic Arch in Infants and Children. Charles F. Ferguson and Carlyle G. Flake, 1056.

Bronchography with Dionosil. Charles M. Norris and Herbert M. Stauffer, 520.

Bronchus, Carcinoma of the, with Negative X-ray Findings. Joseph Goldman and Joseph Freeman, 500.

CAPILLARY Areas of the Membranous Labyrinth. Catherine A. Smith, 435.

Carcinoma, Bronchogenic: Analysis of 201 Proved Cases. Clarence H. Steele, 5.

Carcinoma, Bronchus, with Negative X-ray Findings. Joseph Goldman and Joseph Freeman, 500.

Carcinoma, Epidermoid of the Temporal Bone. Lester A. Brown, 827.

Carcinoma, Hypopharynx, Surgery in. Irwin D. Horwitz, Arthur Loewy, Burton J. Soboroff and Maurice F. Snitman, 993.

Carcinoma, Nasopharyngeal. Tulsi Das, G. M. Taneja, M. R. Chaddah and D. B. Minocha, 890.

Carcinoma of the Vallecula. W. Franklin Keim, 980.

Cardiac Arrest From the Point of View of Prevention. Paluel J. Flagg and James A. Flagg, 1092.

Cerebrospinal-Fluid Otorrhea, Treated by an Unusual Method. J. Grafton Love, O. Erik Hallberg and Henry W. Dodge, Jr., 207.

Chloramphenicol-Boric Acid Powder in the Treatment of Otitic Infections. Paul P. Hearn, 310.

Cochlea, Excitation of Nerve Impulses in. Hallowell Davis, 469.

Cochlear Injuries, Regional Hearing Losses from in Experimental Animals. Samuel Sutton and Harold F. Schuknecht, 727.

Congenital Malformations of the Tracheobronchial Tree and the Aortic Arch in Infants and Children, Tracheographic and Bronchographic Studies as Aids in Diagnosis of. Charles F. Ferguson and Carlyle G. Flake, 1056.

Cyst of the Nasal Vestibule. E. J. VanEycken, 863.

DEAFNESS. The Hard of Hearing Infant. D. E. Staunton Wishart, 378.

Dionosil in Bronchography. Charles M. Norris and Herbert M. Stauffer, 520.

Diverticulum, Bilobed Pulsion, of the Hypopharynx A Historical Summary and a Case Report. Norman Jesberg, 39.

Diverticulum, Pharyngoesophageal, and the Otolaryngologist. Francis E. LeJeune, 352.

EAR, Inner, Pathology Due to Measles. J. R. Lindsay and W. G. Hemenway, 754.

Ear, Nose and Throat Problems in the United States Air Force. James E. Lett, 116.

Equilibratory Illusions in Aviation. Loring W. Pratt, 906.

Esophageal Stenosis, Postoperative. Daniel C. Baker, Jr., Charles A. Flood and Jose M. Ferrer, Jr., 1082.

Esophageal Strictures, Recent Trends in Management of. Claude C. Cody, III, 1120.

Esophagus, Inflammatory Stricture of, Apparently Present at Birth. William C. Hughes and Porter P. Vinson, 881.

FACE and Nose, Lethal Granuloma of. Fred W. Alexander, 171.

Facial Nerve Paralysis, Electrodiagnostic-Therapeutic. Arthur A. Rodriquez and Emanuel M. Skolnik, 1015.

Fenestration, Aspects of Hearing Physio-Pathology During the First Postoperative Period. G. Zanotti, 69.

Fibroma, Nasopharyngeal, in State of Regression. Walter H. Dane, 997.

Frontal Bone, Osteomyelitis of, of Rhinogenic Origin. Charles I. Johnson, 180.

Frontal Sinusitis Treated by External Operation, A. Thirty-Year Review of. W. J. McNally and E. A. Stuart, 651.

GRANULOMA, Lethal, of Midline Facial Tissues Granuloma Gangraenescens. Robert L. Breckenridge, Arthur J. Wagers and William H. Baltzell, 278.

Granuloma, Lethal, of Nose and Face. Fred W. Alexander, 171.

HEARING. Further Studies of Threshold Shifts as Measured with the Békésy-Type Audiometer. Dean M. Lierle and Scott N. Reger, 772.

Hearing, Hard of, Infant. D. E. S. Wishart, 378.

Hearing Losses, Regional, from Induced Cochlear Injuries in Experimental Animals. Samuel Sutton and Harold F. Schuknecht, 727.

Hemoptysis. Loring W. Pratt, 296.

Hormonal Therapy, Some of the Indications and Contraindications for. Sam E. Roberts, 687.

Hospitalization and Surgical Interventions, the Psychic Effect on Children. L. B. W. Jongkees, 145.

Hypopharynx, Bilobed Diverticulum of the. A Historical Summary and a Case Report. Norman Jesberg, 39.

Hypopharynx, Carcinoma of the, Surgery in. Irwin D. Horwitz, Arthur Loewy, Burton J. Soboroff and Maurice F. Snitman, 993.

INCUS, Stapes and Malleus, Development and Adult Structure of. Shafik F. Richany, Theodore H. Bast and Barry J. Anson, 394.

Infant, The Hard of Hearing. D. E. Staunton Wishart, 378.

Instrument for Use in Shortening the Nasal Septum. Albert P. Seltzer, 861.

Irradiation, Nasopharyngeal, Observations from a Controlled Study on the Effect of in a Group of School Age Children. William G. Hardy and John E. Bordley, 816.

LABYRINTH, Membranous, Capillary Areas of. Catherine A. Smith, 435.

Labyrinth, Three Reports on the Chemical Composition of Fluids of. I. Determination of Hyaluronic Acid in the Endolymph. Th. Vilstrup and C. E. Jensen, 151.

Laryngectomized Patient, Voice Production in. Gordon D. Hoople and David W. Brewer, 640.

Larynx, Congenital Anomalies of. Paul H. Holinger, Kenneth C. Johnson and Filmore Schiller, 581.

Lymphoid Tissue of the Nasopharynx, A Study of. Philip E. Meltzer, 607.

Lymphosarcoma of the Tonsil in Children. Bates F. Metson, 193.

MALINGERING. Aram Glorig, 802.

Malleus, Incus and Stapes, Development and Adult Structure of. Shafik F. Richany, Theodore H. Bast and Barry J. Anson, 394.

Mastoiditis and Chronic Otitis Media, Pathologic Changes of Skin of External Auditory Canal in. L. H. Sophian, Z. K. Cooper and Ben H. Senturia, 261.

Mastoid Osteoma, Removal of. A. P. Seltzer, 204.

Maxillary Resection, Early Prosthetic Closure Following. Stanley H. Bear and Roland A. Kowal, 1024.

Maxillary Tumors, Treatment Through Fergusson External Approach. Robert E. Priest and William J. Kucera, Jr., 358.

Measles, Inner Ear Pathology Due to. J. R. Lindsay and W. G. Hemenway, 754.

Membranous Labyrinth, Capillary Areas of. Catherine A. Smith, 435.

Ménière's Disease: Simplified Surgical Management. Henry M. Goodyear, 491.

NASAL Mucosa, The Venous Network of. Oscar V. Batson, 571.

Nasal Vestibule, Cyst of the. E. J. VanEycken, 863.

Nasopharyngeal Carcinoma. Tulsi Das, G. M. Taneja, M. R. Chaddah and D. B. Minocha, 890.

Nasopharyngeal Fibroma, Juvenile, in State of Regression. Walter H. Dane, 997.

Nasopharyngeal Irradiation, Observations from a Controlled Study on the Effect of in a Group of School Age Children. William G. Hardy and John E. Bordley, 816.

Nasopharynx, A Study of Lymphoid Tissue of. Philip E. Meltzer, 607.

Nasopharynx, Teratoid Tumor of in a New Born. Meyer Schindler, Samuel Hurwitz and Herbert Greenhood, 887.

Neck, Principles and Problems in Surgery of. Grantley W. Taylor, 346.

Nerve Impulses in Cochlea, The Excitation of. Hallowell Davis, 469.

Nose and Face, Lethal Granuloma of. Fred W. Alexander, 171.

Nose, The Deviated. William C. Huffman and Dean M. Lierle, 62.

Nystagmus, Positional. Terence Cawthorne, 481.

OBITUARY. Gunnar Holmgren, 1151.

Obituary. J. M. LeMee, 560.

Obituary. H. P. Mosher, 1145.

Organ of Corti, Some Electro-Mechanical Properties of. Georg von Békésy, 448.

Osteoma of Mastoid, Removal of. A. P. Seltzer, 204.

Osteomylitis of Frontal Bone of Rhinogenic Origin. Charles I. Johnson, 180.

Otitic Infections, Chloramphenicol-Boric Acid Powder in Treatment of. Paul P. Hearn, 310.

Otitis, External, Prophylaxis. B. H. Senturia and C. Carruthers, 97.

Otitis Media and Mastoiditis, Pathologic Changes of the Skin of the External Auditory Canal in. L. H. Sophian, Z. K. Cooper and Ben H. Senturia, 261.

Otolaryngology, Thirty-Five Years of Army. Paul H. Streit, 137.

Otorrhea, Cerebrospinal-Fluid, Treated by an Unusual Method. J. Grafton Love, O. Erik Hallberg and Henry W. Dodge, Jr., 207.

PAPILLOMATOUS Implant, Tracheal and Bronchial, Showing Malignant Changes. Howard McCart, 498.

Paralysis, Bilateral, of Tongue. Frederick Lee Harcourt, 189.

Paralysis of the Facial Nerve, Electrodiagnostic-Therapeutic Modalities in. Arthur A. Rodriquez and Emanuel M. Skolnik, 1015.

Pharyngoesophageal Diverticulum and the Otolaryngologist. Francis E. LeJeune, 352.

President's Address, American Otological Society. Frederick T. Hill, 370.

Psychic Effect on Children of Hospitalization and Surgical Interventions. L. B. W. Jongkees, 145.

RESPIRATORY Allergy. Some Practical Considerations of. Richard A. Kern, 620.

Respiratory Tract, Lower, Primary Amyloidosis in. Donald S. Bolstad, 200.

SCLEROMA in Egypt. George Botros, Paul K. Hamilton, Thomas M. Floyd, Aly Mufti and Ahmed Imam, 1031.

Septum, Nasal, A New Instrument for Use in Shortening. Albert P. Seltzer, 861.

Sinusitis, Frontal, A Thirty-Year Review of Treated by External Operation. W. J. McNally and E. A. Stuart, 651.

Stapes, Incus and Malleus, Development and Adult Structure of. Shafik F. Richany, Theodore H. Bast and Barry J. Anson, 394.

Staphylococcus Toxoid, Its Use in Otolaryngology. French K. Hansel, 324.

Stenosis, Postoperative Esophageal. Daniel C. Baker, Jr., Charles A. Flood and Jose M. Ferrer, Jr., 1082.

Stricture, Inflammatory, of the Esophagus Apparently Present at Birth. William C. Hughes and Porter P. Vinson, 881.

Subarcuate Artery, Origins and Relations of the Internal Auditory Artery to. George T. Nager, 51.

Surgical Interventions and Hospitalization, The Psychic Effect on Children. L. B. W. Jongkees, 145.

Synkayvite (Vitamin K Compound), Effect of on Computed Blood Loss During Adenotonsillectomy. James T. King, 1029.

TEMPORAL Bone, Epidermoid Carcinoma of. Lester A. Brown, 827.

Temporal Bone, Multiple Areas of Necrosis and Anaplerosis Throughout the. George T. Nager and Mathilde Nager, 923.

Threshold Shifts, Further Studies of as Measured with the Békésy-Type Audiometer. Dean M. Lierle and Scott N. Reger, 772.

Tongue, Bilateral Paralysis of. Frederick Lee Harcourt, 189.

Tonsil, Lymphosarcoma of in Children. Bates F. Metson, 193.

Tracheal and Bronchial Papillomatous Implant Showing Malignant Changes. Howard McCart, 498.

Tracheobronchial Tree and Aortic Arch in Infants and Children, Tracheographic and Bronchographic Studies as Aids in Diagnosis of Congenital Malformations of. Charles F. Ferguson and Carlyle G. Flake, 1056.

Tracheographic and Bronchographic Studies as Aids in Diagnosis of Congenital Malformations of Tracheobronchial Tree and Aortic Arch in Infants and Children. Charles F. Ferguson and Carlyle G. Flake, 1056.

Tubal Orifice, Folds Around, in 622 Visually Controlled Adenoidectomies. Ernest Reeves and Robert Brill, 164.

Tumor, Teratoid, of the Nasopharynx in a New Born. Meyer Schindler, Samuel Hurwitz and Herbert Greenhood, 887.

Tumors, Maxillary, Treatment Through Fergusson External Approach. Robert E. Priest and William J. Kucera, Jr., 358.

Tympanic Membrane Perforations, Repair of with Human Amniotic Membrane. William J. Schrimpf, 101.

VALLECULA, Carcinoma of. W. Franklin Keim, 980.

Venous Network of the Nasal Mucosa. Oscar V. Batson, 571.

Ventriculomastoidostomy: Its Significance to the Otologist. George F. Reed, 273.

Vitamin K Compound (Synkayvite), Effect of on Computed Blood Loss During Adenotonsillectomy. James T. King, 1029.

Voice Production in the Laryngectomized Patient. Gordon D. Hoople and David W. Brewer, 640.